

Please insert a new Abstract as follows:

Abstract

In a method for starting a crushing operation in a gyratory crusher in which rocks are passed through a crushing gap to be crushed, the following steps are carried out: (a) a driving device is started which causes a crushing head to execute a gyratory pendulum movement, and a first width of the crushing gap is set, (b) a supply of material to the gap is commenced, (c) the resulting load on the crusher is measured, (d) the width of the gap is adjusted so that the load approaches a desired value, (e) a measure which is representative of the width of the gap after adjustment, is read, and (f) such read measure is utilized for calculation of a gap width for use as a first width of the gap in carrying out step (a) of the next start-up of a crushing operation.